

Title (en)

A fish-bite detector

Title (de)

Fischbissdetektor

Title (fr)

Détecteur de touche pour la pêche

Publication

EP 1997372 A2 20081203 (EN)

Application

EP 08251564 A 20080429

Priority

GB 0710466 A 20070601

Abstract (en)

A fish-bite detector having magnetic means (66) to change the magnetic field in a predetermined region of the detector in dependence upon movement of a fishing line. The latter engages a rotary part (26) of the detector when the latter is in use. Sensor means (76, 77) are provided in the said predetermined region to produce a signal indicative of such movement. The magnetic means comprise at least one magnet (66) which is mounted to move with the rotary part (26). The magnetic axis of the magnet (66) is generally parallel to the axis of rotation of the rotary part (26). The sensor means (76, 77) comprise two Hall effect devices (76 and 77). The Hall effect devices (76 and 77) have their sensitive faces directed towards the magnetic means (66). The Hall effect devices (76 and 77) are located alongside one another on opposite sides of an imaginary plane which passes through the axis of rotation of the rotary part (26), thereby enabling the Hall effect devices (76 and 77) to produce a signal indicative of the direction of longitudinal movement of the line.

IPC 8 full level

A01K 97/12 (2006.01)

CPC (source: EP)

A01K 97/125 (2013.01)

Citation (applicant)

- GB 2209261 A 19890510 - WILMOT MALCOLM KEITH, et al
- EP 0850562 A1 19980701 - FOX DESIGN INT [GB]

Cited by

GB2583016A; US11278017B2; WO2014146819A1; WO2014146820A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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